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The Chemical Company

February 25, 2013

Via Federal Express

United States Environmental Protection Agency - East
Attn: TSCA Section 8(e)
Room 6428
1201 Constitution Avenue, NW
Washington, DC 20004



Subject: Notice in Accordance with TSCA Section 8(e): Results of a Test Study in Male and Female Wistar Rats (Range Finding, Oral Administration - Gavage) with CAS No. 1072-63-5

Dear Section 8(e) Coordinator:

BASF Corporation is submitting the results of a Test Study in Male and Female Wistar Rats [CrI:WI(HAN)] (Range Finding, Oral Administration - Gavage) with 1-Vinylimidazol, CAS No. 1072-63-5 conducted by BASF SE, Ludwigshafen, Germany. The test substance is a monomer.

The test substance was planned to be administered once per day to groups of 3 males and females Wistar rats via gavage for a maximum of 14 days. All animals were assessed by gross pathology.

The dose levels were: 250, 125, 75, and 35 mg/kg bw/d.

The following findings were observed:

250 mg/kg bw/d

- Males and females: reduced food consumption, body weight loss, stomach distended and filled with dry, hard food
- 3 males with piloerection, nose discharge and general poor conditions
- 2 males with semiclosed eyelid and blood in the eyeball
- 3 males were sacrificed moribund on study day 6
- 3 females with piloerection, nose discharge and general poor conditions
- 2 females with semiclosed eyelid
- 2 females were sacrificed moribund on study day 6 and 7
- 1 female found dead on study day 7

125 mg/kg bw/d

- Males and females: reduced food consumption and body weight loss
- 3 males with piloerection
- 1 male with encrusted eye
- 3 males were sacrificed moribund on study day 9
- 3 females with piloerection
- 3 female was sacrificed moribund on study day 9

BASF Corporation
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75 mg/kg bw/d

- Males and females: reduced food consumption and body weight loss
- 3 males with piloerection
- 3 females with piloerection
- 1 female with protruding eyeball
- 1 female was sacrificed moribund on study day 11

35 mg/kg bw/d

- Males: reduced food consumption and reduced body weight gain
- Females: nothing abnormal detected

BASF Corporation understands that reporting of the results from this study under TSCA 8(e) is in accordance with EPA's policy.

Please note the technical contact and address below and direct all correspondence regarding this submission accordingly. If you have any questions, please call (248) 948-2051.

Sincerely,

Technical Contact: Alisa Boucher

BASF Corporation
Product Regulatory Center of Expertise – North America
26701 Telegraph Road, Southfield, MI 48033

/enclosures

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 Alisa Boucher
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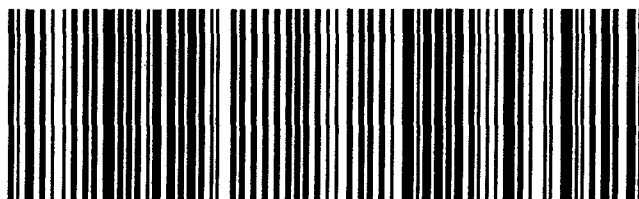
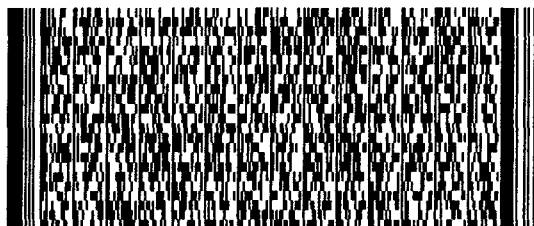
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